

Title (en)
LOCKING APPARATUS OF INERTIAL MASS DRIVE HYDRAULIC CIRCUIT SYSTEM

Publication
EP 0068197 B1 19860402 (EN)

Application
EP 82105023 A 19820608

Priority
JP 8966681 A 19810612

Abstract (en)
[origin: US4644849A] An apparatus for locking of an inertial mass drive hydraulic circuit system having a hydraulic pump, an actuator driven by the hydraulic pump for driving a relatively large inertial mass, and a directional control valve mounted in line connecting the hydraulic pump with the actuator. An on-off device is interposed between the actuator and the hydraulic pump for opening or closing the line, and a sensor is provided for sensing the discharge condition of the hydraulic pump. The sensor generates a signal for actuating the on-off device.

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F15B 13/01

IPC 8 full level
E02F 9/22 (2006.01); **F15B 11/08** (2006.01); **F15B 13/01** (2006.01)

CPC (source: EP US)
F15B 13/01 (2013.01 - EP US); **F16H 61/4157** (2013.01 - EP US)

Cited by
EP0190703A1; EP0141301A1; WO9520780A1

Designated contracting state (EPC)
DE FR

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US 4644849 A 19870224; DE 3270227 D1 19860507; EP 0068197 A1 19830105; EP 0068197 B1 19860402; JP H0129937 B2 19890615; JP S57205639 A 19821216

DOCDB simple family (application)
US 73851385 A 19850528; DE 3270227 T 19820608; EP 82105023 A 19820608; JP 8966681 A 19810612